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Attn: Document Control Desk
U. S. Nuclear Regulatory Commission
Washington, DC 20555-0001

10 CFR 50.90

**SUSQUEHANNA STEAM ELECTRIC STATION
REQUEST FOR DUE DATE EXTENSION TO
RESPOND TO A REQUEST FOR ADDITIONAL
INFORMATION
PLA-7837**

**Docket No. 50-387
and 50-388**

- References:
- 1) Susquehanna letter to NRC, "Proposed Amendment to Licenses NPF-14 and NPF-22: Application of Advanced Framatome Methodologies and TSTF-535 (PLA-7783)," dated July 15, 2019 (ADAMS Accession No. ML19196A270).
 - 2) NRC letter to Susquehanna, "Regulatory Audit Plan Regarding Application of Framatome Methodologies to Support Transition to ATRIUM 11 Fuel (EPID L-2019-LLA-0153)," dated November 14, 2019 (ADAMS Accession No. ML19311C795).
 - 3) NRC letter to Susquehanna, "Requests for Additional Information for Susquehanna Steam Electric Station, Units 1 and 2 to Support Review of the License Amendment Request Regarding Application of Framatome Methodologies to Support Transition to ATRIUM 11 Fuel," dated January 6, 2020 (ADAMS Accession No. ML20010D201).

Pursuant to 10 CFR 50.90, Susquehanna Nuclear, LLC (Susquehanna), submitted, in Reference 1, a request for an amendment to the Technical Specifications (TS) for the Susquehanna Steam Electric Station (SSES), Units 1 and 2, Facility Operating License numbers NPF-14 and NPF-22. The proposed amendment would revise TS 5.6.5.b to allow application of Advanced Framatome Methodologies for determining core operating limits in support of loading Framatome fuel type ATRIUM 11, revise the low pressure safety limit in TS 2.1.1.1 and TS 2.1.1.2, and remove the neutronic methods penalties on Oscillation Power Range Monitor amplitude setpoint and the pin power distribution uncertainty and bundle power correlation coefficient. In Reference 2, the NRC notified Susquehanna of the need to perform a regulatory audit to support its safety evaluations. Subsequent to the conclusion of the regulatory audit, the NRC submitted, in Reference 3, a Request for Additional Information (RAI) to Susquehanna. The RAI requires that the responses to all questions contained therein be provided to the NRC

by February 6, 2020, except for the response to Question 2, which is due to the NRC by March 6, 2020.

Susquehanna hereby requests an extension to the RAI response due date for Question 2.1, subpart a (i.e., 2.1.a). As discussed with the NRC staff during the regulatory audit, Susquehanna intends to provide the response to all other questions in the RAI (i.e., with the exception of Question 2.1.a), by February 6, 2020. However, due to the extensive analysis required to develop the response to Question 2.1.a, Susquehanna is hereby requesting an extension to the March 6, 2020, deadline. Based on discussions with its contractor, Framatome, Susquehanna has determined that an additional 30 days is required to develop the response to Question 2.1.a that will meet the quality requirements of 10 CFR 50, Appendix B. Therefore, Susquehanna requests that the response to RAI Question 2.1.a be due by April 6, 2020; Susquehanna will provide the response to all other questions by February 6, 2020.

There are no new or revised regulatory commitments contained in this submittal.

Should you have any questions regarding this submittal, please contact Ms. Melisa Krick, Manager – Nuclear Regulatory Affairs, at (570) 542-1818.

A handwritten signature in black ink, appearing to read 'K. Cimorelli', with a stylized, cursive script.

K. Cimorelli

Copy: NRC Region I
Ms. L. H. Micewski, NRC Sr. Resident Inspector
Ms. S. Goetz, NRC Project Manager
Mr. M. Shields, PA DEP/BRP